



PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27TOTAL AMOUNT OF PAYMENT (\$)**180.00****Complete if Known**

Application Number	10/776837
Filing Date	February 11, 2003
First Named Inventor	BH Lee
Examiner Name	Patricia L. Morris
Art Unit	1625
Attorney Docket No.	01453.US1

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit
Account
Number
Deposit
Account
Name**21-0718****Pharmacia & Upjohn Company**

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$) 0.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims		Fee from below		Fee Paid
Total Claims		-20** =	0	X	\$0.00	
Independent Claims		-3** =	0	X	\$0.00	\$0.00
Multiple Dependent					0.00	0.00

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)**0.00**

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	180.00
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**180.00****SUBMITTED BY**

Name (Print/Type)	Timothy J. Gumbleton	Registration No. (Attorney/Agent)	54,143	Telephone	269.833.2501
Signature	<i>Timothy Gumbleton</i>	Date	December 14, 2004		

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12/21/2004 FIVEK11 0000032 10776837

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PTO/SB/21 (05-03)

Approved for use through 04/30/2003. OMB 0651-0031

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/776837
	Filing Date	February 11, 2003
	First Named Inventor	BH Lee
	Art Unit	1625
	Examiner Name	Patricia L. Morris
Total Number of Pages in This Submission	Attorney Docket Number	01453.US1

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Pharmacia & Upjohn Company	Timothy J. Gumbleton, Reg. No. 54,143
Signature	<i>Timothy Gumbleton</i>	
Date	December 14, 2004	

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Typed or printed name	Valerie Schipper		
Signature	<i>Valerie L. Schipper</i>	Date	12/15/2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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LIST OF REFERENCES CITED BY APPLICANT <small>(Use separate sheets if necessary)</small>				Atty. Docket No. 01453.US1 Supplemental		Serial No. 10/776,837	
				Applicants Byung H. Lee, et al.			
				Filing Date 2/11/2004		1625	
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA	4,005,202 A	January 25, 1977	Colin Beard, et al.	A61K	31/495	
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation Yes No
	AB	WO/35913A	June 22, 2000	WIPO	C07D	413/04	
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AC	Database Chemcats Chemical Abstracts Service, Columbus, OH, July 9, 2002, XP002280454, retrieved from STN Order No. F1227-0026.					
	AD	Interchim Intermediates, July 9, 2002, Interchim, Montlucon, Cedex 03103.					
	AE	Database Chemcats Chemical Abstracts Service, Columbus, OH, September 24, 2003, XP002280455, retrieved from STN Order No.: 7215700263; 7215700096; 7215700082.					
	AF	Otava Chemical Collection, September 24, 2003, Otava, KYIV-187, 03187, Ukraine.					
	AG	Database Chemcats Chemical Abstracts Service, Columbus, OH, January 1, 2004, XP002280456, retrieved from STN Order No. ZT-5903378.					
	AH	Ambinter Screening Library, January 1, 2004, Ambinter, Paris, F-75016, France.					
	AI	Database Beilstein, Beilstein Institute for Organic Chemistry, Frankfurt-Main, DE; XP002280457 accession no. BRN: 755656 abstract.					
	AJ	H. Singh, et al: Agric. Biol. Chem., 47, 5, 1983, 1017-1020					
	AK	Gupta, et. al. Indian J. Chem. Vol. 15B, Dec. 1977, pp. 1143-1145.					
	AL	Database Beilstein, Beilstein Institute for Organic Chemistry, Frankfurt-Main, DE; XP002280458 accession no. BRN: 5683833 abstract					
	AM	S. Narayan, et al.: Indian J. Chem., Sect. B, , 24, 1985, 1221-1223					
	AN	Database Beilstein, Beilstein Institute for Organic Chemistry, Frankfurt-Main, DE; XP002280459 accession no. BRN: 8926756 abstract.					
	AO	Mohan J. et al.: Indian J. Chem. Sect. B, 40, 1, 2001, 54-56.					
	AP	Database Beilstein, Beilstein Institute for Organic Chemistry, Frankfurt-Main, DE; XP002280460 accession no. BRN: 8940330 abstract.					
	AQ	A. El-Wareth, et al.: Monatsh. Chem., 132, 6, 2001, 753-764.					
Examiner				Date Considered			